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03 17 51 57 CC Affirm.

03 17 52 52 LMP Okay. Houston, you have the ACCEPT.

03 17 52 57 CC Roger. Your backup GDC alignment: roll 308, pitch 209, yaw 357. Over.

03 17 53 17 LMP Roger. Alright. What set of stars?

03 17 53 19 CC That's on Sirius and Rigel.

03 17 53 27 LMP Understand; roll 308, pitch 209, yaw 357.

03 17 53 31 CC That's affirmative, Apollo 8.

03 17 54 06 CC Good morning, Apollo 8; Deke here. I just would like to wish you all a very Merry Christmas on behalf of everyone in the Control Center, and I'm sure everyone around the world. None of us ever expected to have a better Christmas present than this one. Hope you get a good night's sleep from here on and enjoy your Christmas dinner tomorrow; and look forward to seeing you in Hawaii on the twenty-eighth.

03 17 54 30 CDR Okay, leader. We'll see you there. That was a very, very nice ride, that last one; this engine is the smoothest one.

03 17 54 38 CC Yes, we gathered that; an outstanding job all the way around.

03 17 54 46 CDR Thank everybody on the ground for us. It's pretty clear we wouldn't be anywhere if we didn't have them doing it or helping us out here.

03 17 54 52 CC We concur that.

03 17 54 53 CMP I concur, too.

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03 17 55 01 LMP Even Mr. Kraft does something right once in a while.

03 17 55 07 CC He got tired of waiting for you to talk and went home.

03 17 55 12 LMP Okay.

03 17 57 01 CC Apollo 8, Houston.

03 17 57 06 CDR Go ahead, Houston.

03 17 57 07 CC Okay. The computer is yours, and I guess we have an IMU alignment and a P23 on the schedule.

03 17 57 17 CDR Okay. Thank you. Do an IMU alignment coming up. See them in black.

03 17 57 25 CC Roger.

03 17 59 01 CC Apollo 8, Houston. We would like to have you cycle your ZERO OPTICS switch prior to beginning P52.

03 17 59 11 CDR Roger. We are going to see if we can find some stars here before we do this P52.

03 17 59 18 CC Roger. And got a couple of words for you. Jack's been watching you since LOI, and he has a few words he wants to give you.

03 17 59 30 CDR Go ahead.

03 17 59 31 CC Typhoid Jack here, and we have got some good words here that originated at the Cape with a bunch of friends of yours. And it's sort of in a paraphrase of a poem that you probably are familiar with. Do you read me, Apollo 8?

03 17 59 50 CDR You are loud and clear, Jack.

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03 17 59 53

CC

Okay. "'Twas the night before Christmas and way out in space, the Apollo 8 crew had just won the moon race. The headsets were hung by the consoles with care in hopes that Chris Kraft soon would be there. Frank Borman was nestled all snug in his bed, while visions of REFSMMAT's danced in his head; and Jim Lovell, in his couch, and Anders, in the bay, were racking their brains over a computer display. When out of the DSKY, there arose such a clatter, Frank sprang from his bed to see what was the matter. Away to the sextant he flew like a flash to make sure they weren't going to crash. The light on the breast of the moon's jagged crust gave a luster of green cheese to the gray lunar dust. When what to his wondering eyes should appear, but a Burma Shave sign saying 'Kilroy was here.' (Laughter) But Frank was no fool; he knew pretty quick that they had been first; this must be a trick. More rapid than rockets, his curses they came. He turned to his crewmen and called them a name. Now Lovell, now Anders, now don't think I'd fall for an old joke you've written up on the wall. They spoke not a word, but grinning like elves, and laughed at their joke in spite of themselves. Frank sprang to his couch, to the

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ship gave a thrust, and away they all flew past the gray lunar dust. But we heard them explain ere they flew around the moon: Merry Christmas to earth; we will be back there real soon."

Great job, gang.

03 18 01 30 CDR Thank you very much. That was a very good poem; but in order to win the race, you have got to end up on the carriers.

03 18 01 38 CC We will see you there.

03 18 01 40 CMP Hey, Jack. You really got Bill trained. (Laughter)

03 18 01 44 LMP Okay.

03 18 01 45 CC I certainly hope so.

03 18 01 47 CC You did pretty well, Jim.

03 18 01 52 CC You must have talked on the way out there.

(Laughter)

03 18 07 21 CDR Houston, this is Apollo 8.

03 18 07 24 CC Go ahead.

03 18 07 28 CDR Roger. We got an alignment with your new REFSMMAT now. What's on the program here? You want us in P23 and then what?

03 18 07 40 CC Looks like some sleep is coming up.

03 18 07 46 CDR That's what I wanted you to say. We used up the gimbal angles of 10 and 45 with the - this REFSMMAT, right?

03 18 07 54 CC Affirmative.

03 18 07 58 CDR Okay.

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03 18 13 56 CC Apollo 8, Houston.

03 18 14 00 CDR Go ahead, Houston. Apollo 8.

03 18 14 03 CC Roger. Notice that you are starting on your P23 which is the last scheduled activity. Initial tracking looks like the initial midcourse may be less than the 4 foot per second on the first guess. And we have looked at your burn data, and it's all just as smooth as you said; everything on there looked real nominal. Systems now look good; looks like in PTC attitude, we should be able to switch OMNI's for you, if you would like to do that. We were having good success with predicting on the way out where to switch the antennas, and if it will help you any, we can do that on the way back in.

03 18 14 48 CDR That would be nice if you could do it, but we will keep one man in the shop to watch the gimbal angles; but if you could switch the OMNI's, it would sure save us a lot of problems.

03 18 14 58 CC Okay. We will do that. When you get in the PTC attitude, we will let you know when we take the command on the antenna switching.

03 18 15 10 CDR Okay. Just be careful what you do with the tape recorder. Bill's a little sensitive about that.

03 18 15 25 CC Roger. We were listening to the tape dumps, and it looks like Bill gets a happy new year after all.

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03 18 15 35 CDR A happy new year? How come, Jack - an, in a
joke?

03 18 15 40 CC No, we got that off of his tape dump; he and Jim
were discussing that one.

03 18 15 48 CDR Oh, yes. That's right.

03 18 35 16 CDR Houston, are you getting all this data from P23?

03 18 35 39 CDR Houston, Apollo 8.

03 18 35 40 CC Go ahead, Apollo 8.

03 18 35 44 CDR I wanted to know if you're getting the data from
P23?

03 18 35 47 CC That's affirmative.

03 18 35 51 CDR Okay.

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03 18 50 18	CC	Eureka!
03 19 09 55	CDR	Houston, Apollo 8.
03 19 09 56	CC	Go ahead, Apollo 8.
03 19 10 14	CDR	Houston, Apollo 8.
03 19 10 16	CC	Go ahead, Apollo 8.
03 19 10 22	CDR	Ken, we've about run out of gas here on this next set of stars. Would you ask your people to be especially alert there watching the systems tonight?
03 19 10 31	CC	Sure will, Frank.
03 19 10 36	CDR	Okay. It's maneuver to pitch 10 and yaw 45.
03 19 10 41	CC	Roger. I have - let's see, we've got a hydrogen purge line here that ought to come on about 91:40 and an oxygen-hydrogen fuel cell purge for 92 hours.
03 19 10 59	CDR	Okay. Will you call us about those, please?
03 19 11 02	CC	I sure will. And, let's see, we just wanted to let you know we've got a real good battery charge going here this time. Looks like - it looks just like the ones in the book, and I'd like to get a battery C voltage before you shut down, and a sleep report on what you did in - -
03 19 11 22	CDR	Okay.
03 19 11 23	CC	- - lunar orbit and your plans for the next couple of hours.
03 19 11 29	CDR	Okay.
03 19 11 47	CDR	Thirty-seven volts on battery C.

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03 19 11 50 CC Roger. Thirty-seven volts.

03 19 11 52 CDR That looks good.

03 19 11 59 CDR We all only got about 2 hours sleep today MAX, Ken. We're going now - Bill's going to stay up awhile, and Jim and I are going to sack out, and we're going to try to rotate short sleep cycles till we can get back to the normal one.

03 19 12 12 CC Roger, sounds like a good idea. And EECOM on the ground tells us that the flying EECOM to go ahead and put his hydrogen purge line heater on, and we'll get ready for a fuel cell.

03 19 12 27 CDR Thank you. He can't turn on his radio. There he goes.

03 19 12 44 CDR I hope it won't disappoint anybody too much if we knock off those last two stars, but Jim is just in a daze, and so am I.

03 19 12 50 CC Roger. No sweat.

03 19 12 55 CDR Thank you.

03 19 13 19 CC Apollo 8. One of the things we'd like to have before you shut down also is VERB 64 so we can watch the pointing angles.

03 19 13 30 CDR Roger.

03 19 13 35 CC Hey, Frank, you might be interested; they are having some trouble with the medics' P-2.

03 19 13 45 CDR What?

03 19 13 48 IMP The medics can't clean out their P-2.

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03 19 14 01 CDR Oh, is that right? It's been so busy.

03 19 14 02 CC Oh, yeah. It's worn the thing out at the bearings. (Laughter)

03 19 14 33 CDR Hey, Ken, tell the people if you see anything getting close to the gimbal lock to be sure and whistle, too, will you?

03 19 14 40 CC We sure will, Frank. You will want to make sure one of you keeps your COMM carrier on.

03 19 14 43 CDR We'll keep one man with a headset on.

03 19 14 50 CDR That's right. We'll keep one man with a COMM carrier on.

03 19 19 39 CC Apollo 8. You have got some big yaw angle there.

03 19 19 55 CC Apollo 8, Houston.

03 19 20 04 CC Apollo 8, Houston.

03 19 20 11 CC Apollo 8, Apollo 8, Houston.

03 19 20 23 CC Apollo 8, Houston.

03 19 20 41 CC Apollo 8, Houston.

03 19 21 46 CC Apollo 8, Houston.

03 19 22 17 CC Apollo 8, Houston.

03 19 24 56 CC Apollo 8, Houston.

03 19 28 16 CC Apollo 8, Houston. Copy that you are now in PTC attitude, and we're watching your gimbal angle. We apparently do not have a downlink voice, but the data is good.

03 19 28 53 LMP Houston, Apollo 8. Over.

03 19 28 55 CC Loud and clear, 8.

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03 19 29 07 LMP Okay. We're establishing PTC. We took one last look at the moon and on our way back.

03 19 29 13 CC Roger.

03 19 32 17 CC Apollo 8, Houston.

03 19 32 23 LMP Go ahead, Houston.

03 19 32 25 CC Okay. In order for us to handle the antenna switching, I guess we'd like to have the AUX tape switched to OFF, and the tape FORWARD switch OFF; and we'll be switching between OMNI's Bravo and Delta.

03 19 33 01 LMP Between what and what?

03 19 33 05 CC Okay. We are going to be switching between OMNI's Bravo and Delta.

03 19 33 14 LMP Okay.

03 19 33 17 CC Alright. And I'm gonna - you bug me when you get over 50 degrees of yaw, so I'll probably be watching that number pretty closely. We'd like to have the BIOMED switched to the right position. Okay. And for your own information: the fuel we show in the different quads I have here if you would like to copy it.

03 19 34 07 LMP Stand by.

03 19 35 50 LMP Okay. Ready to copy.

03 19 35 54 CC Okay. I'll give you the percentage on Alfa 60, Bravo 57, Charlie

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03 19 36 11 LMP Wait a minute. It asks for present time, and
I can't plot that fast, Ken.

03 19 36 15 CC Okay. I'm sorry. Alfa is 60.

03 19 36 22 LMP For what time?

03 19 36 26 CC 91:36.

03 19 36 35 LMP Okay. Stand by.

03 19 36 44 LMP Okay. What's Bravo?

03 19 36 46 CC Okay. That's 57.

03 19 36 59 LMP Okay.

03 19 37 00 CC Charlie 62.

03 19 37 19 LMP Okay.

03 19 37 20 CC And Delta 57.33842.

03 19 37 33 LMP That's a coincidence. That's just what I
worked out on Lovell's slide rule.

03 19 37 46 LMP How are we doing on the cryos?

03 19 37 52 CC Oh, you've got some pretty good numbers on
that that I sent up yesterday, and you had
about 160 hours. Well, I'll check that out,
but you were fat on cryo. I've got some SPS
DELTA-V. You've got 33:20. You fly the service
module RCS through the DAP. You have 142; and
through SCS, it's 121.

03 19 38 43 LMP Roger.

03 19 39 55 CC Apollo 8, Houston. We can't monitor on low
bit rate whether you started your fuel cell
purge. If you haven't, we can still go ahead

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and start now; and if you can, keep us posted
as you go through it.

03 19 40 08 LMP Roger. You want an O₂ and an H₂ purge, Ken?

03 19 40 12 CC That's affirmative.

03 19 40 18 LMP You shall have it.

03 19 40 19 CC Thank you.

03 19 51 59 CC Apollo 8, Houston - -

03 19 52 05 LMP Go ahead.

03 19 52 07 CC It looks like you may be in OMNI Alfa. Can
you confirm that we're set up to switch between
Bravo and Delta?

03 19 52 29 LMP You are now.

03 19 52 31 CC Okay. Thank you very much. And you are in the
fuel cell purge?

03 19 52 39 LMP It's complete.

03 19 52 41 CC Okay. Understand the purge is complete. Thank
you. And in reference to your cryo, it looks
like we'll have 180 pounds in each oxygen tank
at SEP and 11 pounds in each hydrogen tank.
And you're well above the single tank capability.

03 19 53 16 IMP Okay. Thank you.

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03 20 22 22	CC	Apollo 8, Houston in the blind. Select OMNI Charlie. Over.
03 20 24 29	CC	Apollo 8, Houston. Apollo 8, Houston in the blind. We've lost all data on you and request you select us a good OMNI antenna; try Charlie. Over.
03 20 28 09	CC	Apollo 8, Houston in the blind. Your yaw is 42 degrees. Recommend you set pitch and yaw to ATTITUDE HOLD for PTC. Over.
03 20 29 58	CC	Apollo 8, Apollo 8, this is Houston in the blind. Switch to antenna Alfa. Over. Antenna Alfa.
03 20 32 56	CC	Apollo 8, Apollo 8, Houston in the blind. Select antenna Alfa, antenna Alfa. Over.
03 20 35 13	CC	Apollo 8, Houston. Over.
03 20 35 34	CC	Apollo 8, Houston. Over.
03 20 37 37	CC	Apollo 8, Houston. Over.
03 20 37 56	CC	Apollo 8, Houston. Over.
03 20 39 04	CC	Apollo 8, Houston. Over.
03 20 39 22	CC	Apollo 8, Houston. Over.
03 20 41 24	CC	Apollo 8, Apollo 8, this is Houston, Houston. Over.
03 20 41 45	CC	Apollo 8, Apollo 8, this is Houston, Houston. Over.
03 20 42 24	CC	Apollo 8, Apollo 8, Houston, Houston. Over.
03 20 43 20	CC	Apollo 8, Houston. Over.
03 20 52 46	CC	Apollo 8, Houston. Over.
03 20 53 22	CC	Apollo 8, Apollo 8, this is Houston, Houston. Over.
03 20 53 38	CC	Apollo 8, Apollo 8, this is Houston, Houston. Over.
03 20 54 01	CC	Apollo 8, Apollo 8, this is Houston, Houston. Over.

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03 20 55 27 CC Apollo 8, Apollo 8, this is Houston, Houston. Over.

03 20 57 28 LMP Houston, Apollo 8.

03 20 57 30 CC Apollo 8, this is Houston. How do you read?

03 20 57 36 LMP I read you loud and clear; my COMM here must have come unconnected.

03 20 57 42 CC Roger, Bill. We lost data on you for 15 minutes and voice COMM for about 45 and were beginning to get a little itchy. Is your PTC set up for rate command attitude hold? 2 44

03 20 58 05 LMP Roger. Pitch and roll is in PTC.

03 20 58 09 CC Roger.

03 20 58 18 CC Apollo 8, Houston. Set up OMNI Charlie. Over.

03 20 59 01 LMP Roger. OMNI Charlie.

03 20 59 04 CC Roger.

03 20 59 26 CC Apollo 8, Houston. We're showing yaw 54.5. Over.

03 20 59 41 LMP Roger. It's been deadband right around there the whole time.

03 21 00 38 LMP You can take command P00, also, if you want to. You might have to use it again.

03 21 00 44 CC Apollo 8, Houston. Say again.

03 21 00 59 CC Apollo 8, Apollo 8, Houston. Say again.

03 21 01 08 LMP You can take over command P00; you might have to use it again.

03 21 01 14 CC Roger, Bill.

03 21 01 23 LMP I'm trying to be quiet so the other guys can sleep, Jerry.

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03 21 01 28 CC Roger, Bill.

03 21 06 24 CC Apollo 8, Apollo 8, Houston. Over.

03 21 06 33 LMP Roger.

03 21 06 36 CC Apollo 8, this is Houston.

03 21 06 39 LMP Go ahead.

03 21 06 40 CC Switch to OMNI Bravo, and we'll try the Bravo-Delta switching again. Over.

03 21 06 53 LMP You got it.

03 21 20 58 LMP You blew it.

03 21 22 00 LMP We're on OMNI E now, Houston.

03 21 22 03 CC Roger, Bill.

03 21 22 09 LMP Looks like B couldn't quite hack it; I'll put it back there in a minute.

03 21 22 12 CC Roger.

03 21 22 18 LMP Houston, if your EECOM's need any more help, just tell them to give me a call.

03 21 22 23 CC Roger.

03 21 30 57 LMP We're going on OMNI Bravo now, Houston.

03 21 31 05 CC Apollo 8, Houston. Say again.

03 21 31 11 LMP OMNI Bravo.

03 21 31 12 CC Roger. OMNI Bravo.

03 21 32 58 CC Apollo 8, Houston. Looks like we're getting pretty far off in both pitch and yaw. Showing about 50 degrees in pitch and about 25 in yaw.

03 21 33 13 LMP Roger. I get that.

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03 22 13 08 CC Apollo 8, this is Houston. All systems looking good. Over.

03 22 13 15 LMP Apollo 8. Roger.

03 22 53 20 CC Apollo 8, Houston.

03 22 54 10 CC Apollo 8, Houston. Over.

03 22 54 16 LMP Go ahead, Houston.

03 22 54 18 CC Apollo 8, this is Houston. Your systems are all looking good. Got a flight plan update for you: at time 96, you can delete P52. Your drift rates are real small.

03 22 54 36 LMP Roger. And I'd like to do the chlorination at about 95:30 if I could.

03 22 54 43 CC Roger. Understand; chlorination: 95:30. Okay?

03 22 55 41 LMP Houston, we're on OMNI C and going to Bravo now - correction, Dog.

03 22 55 50 CC Roger. Understand; going Delta.

03 22 55 59 LMP We're on Charlie now.

03 22 56 03 CC Roger. Understand you're on Charlie.
Break. Verify your UP TLM switch at COMMAND RESET is at NORMAL. Over.

03 22 56 16 LMP Roger. It's in NORMAL. I've had the COMMAND RESET since we broke lock there, and I have to get back and control the OMNI's, so why don't you go command it over to Dog. Then give it back, and I'll set the other one on Bravo.

03 22 56 30 CC Roger.

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03 22 56 56 CC Apollo 8, Houston. We have you on Delta; you can go to Bravo. Break. Give us a call when you've finished your chlorination. Over.

03 22 57 06 LMP Okay. Everybody seems to be stirring around now, so we'll probably do it on time.

03 22 57 11 CC Okay.

03 22 59 26 LMP Houston, and the other two space aces are up now, and LMP's going to hit the pad and like to take a Second prior.

03 22 59 36 CC Apollo 8, Houston. Roger. Permission granted, Bill. Have a good sleep.

03 22 59 44 LMP Thank you.

03 22 59 51 CC Apollo 8, Houston. Looks like you need about 3 more hours on that battery A charging. Over.

03 23 00 00 LMP Okay. Well, my cohorts can handle it.

03 23 00 04 CC Roger.

03 23 00 34 CC Apollo 8, Houston. Can we get a crew status report on Bill before he goes to sleep?

03 23 00 44 LMP He's feeling fine; a little sleepy.

03 23 00 55 CC Roger.

03 23 00 56 LMP And had a meal about - had a meal about 2 hours ago; drinking lots of water.

03 23 01 05 CC Roger, Bill. Thanks.

03 23 01 10 LMP Okay.

03 23 01 12 CC Good night.

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03 23 01 18 LMP Good night. Wish everybody a Merry Christmas
for me.

03 23 01 21 CC Sure will, Bill. Same to you.

03 23 01 38 LMP Thanks.

03 23 01 48 CC Make sure Bill hangs up his stocking before he
goes to bed.

03 23 01 58 LMP I've got it right next to my teddy bear. 30-12

03 23 05 34 CDR Houston, Apollo 8.

03 23 05 36 CC Apollo 8, Houston. Go.

03 23 05 41 CDR Roger. We're up on all the jobs; Bill's going
to sleep; he's already down.

03 23 05 46 CC Roger, Frank. Good morning.

03 23 05 51 CDR Good morning.

03 23 09 56 CC Apollo 8, this is Houston. I have a little
feature news and sports news for you if you'd
like to hear it.

03 23 10 40 CC Apollo 8, Houston.

03 23 10 44 CDR Go ahead, Houston. Apollo 8.

03 23 10 47 CC Roger, Frank. I have some feature page and
sports page news if you'd like it.

03 23 10 54 CDR Roger.

03 23 10 56 CC Roger. First of all, Frank, the guys down here
on the consoles want to spread their appreciation
for a beautiful television job done.

O 03 23 11 10 CDR Thank you.

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03 23 11 12 CC Roger. We'll start out with the sports news.
Los Angeles Dodger pitcher, Sandy Koufax, and
Ann Widmark, 23-year-old daughter of actor Richard
Widmark, plan to marry some time in the near
future. Koufax said Tuesday that no date for the
wedding was set, but he and Miss Widmark have
been dating for some time. At Springfield, - -

03 23 11 40 CMP ...

03 23 11 44 CC Say again.

03 23 11 49 CMP Morning. How do you read?

03 23 11 51 CC Good morning, Jim.

03 23 11 55 CC Let's see. In Springfield, Missouri, Mickey Owen,
the old-time catcher for the Brooklyn Dodgers who
made the record books by dropping a third strike
that led the New York Yankees to a victory over
the Dodgers in the '41 World Series, decided that
he would be remembered by more than just his
sports record. Forty-five boys and girls have
been the recipients of ponies that he offered.
These youngsters were requested to send letters
in telling him how they would care for a pony.
When the letters poured in, he added five ponies
to the 20 he already offered; and other donors
pitched in 20 more. And said Mickey Owen, "I
thought I'd have about 45 letters, but I ended

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up with about 900." Now on the feature page:
Wellington, New Zealand, about fifty men sat
down to the traditional turkey and cranberry
sauce at the South Pole today, but the Christmas
had an Oriental flavor, as well. It included
Sukiyaki cooked by members of a Japanese party
who are crossing the Antarctic continent and
stopped for the day with the U.S. Navy Polar
base. In San Diego, California, the crewmen
of the captured intelligence ship Pueblo donated
their first paychecks to the workers at San
Diego's Balboa Naval Hospital. They had all been
given twenty dollars each, and - when they
landed in San Diego - and they felt that this
was a good demonstration of their feelings for
those who had done so much to make their welcome
here.

03 23 14 11	CC	Apollo 8, Houston. We read your antenna change. Are you still reading us?
03 23 14 18	CDR	Roger. This is Apollo 8, Houston.
03 23 14 20	CC	Roger.
03 23 14 21	CDR	We just now changed antennas, or you must have.
03 23 14 24	CC	Okay.
03 23 14 26	CDR	You lost ...
03 23 14 30	CC	In Reno, Nevada. Oh, that's affirmative, Frank. We changed the antennas from here.

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03 23 14 41

CDR

Thank you.

03 23 14 43

CC

In Reno, Nevada, because there is no fireplace in his home, ... a little boy wrote Santa Claus in care of the local newspaper and suggested, "Would you please use the front door. You will have to kick the bottom a little bit because it sticks." In Little Rock, Arkansas, babies born at St. Vincent Infirmary during the week before Christmas and through Christmas Day are being released to their mothers at discharge time in huge red Christmas stockings. Here is one in ecumenical cooperation. In Indio, California, the Chief of Police was armed Christmas Day with a prayer book. Rabbi Phillip H. Wienburg has taken over as Chief for a day so the real Police Chief, Homer Hunt, a Methodist could spend the holiday with his family. This is the third straight Christmas the Rabbi has filled in for Hunt. The previous 6 years, Rabbi Weinburg did the same for the Roman Catholic Police Chief of Reno, Nevada.

From the Associated Press, Americans watch Pope Paul celebrate Christmas Mass in Italy, and Europeans viewed a Christmas greeting from Apollo 8 via the most powerful communications satellite yet sent aloft. The news of Pope Paul

03 23 16 00

CC

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and the Apollo 8 crew Tuesday night were the first to be relayed across the Atlantic commercially by Intelsat III, which was launched from Cape Kennedy last Wednesday. That's the one we saw go.

03 23 16 37 CDR

Roger. I remember that.

03 23 16 40 CC

Intelsat is a 63-nation international communication consortium; provides a chart on the first global communications network. The new satellite is scheduled to begin full commercial service on January 2, initially serving North and South America and Europe. Further coverage of the Apollo 8 mission is to be relayed to Europe this week.

03 23 17 15 CC

From Washington: "This Christmas, the world is brightened with the hope of peace. When it comes, when hope turns to substance and the guns are quiet once again, it will come because you have pursued it with courage and skill." This was a message from President Johnson to the Armed Forces on Christmas.

03 23 17 46 CC

Here is a feature by Harry Rosenthal of Associated Press. It says: from Houston. Two Santas brighten the Christmas Eve for 2-year-old Jeffrey Lovell. The first one knocked on his front door and brought presents. The second started his

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daddy home from the moon. The first wore a red suit and a white beard and ho, ho'd loud enough to be heard down the block. The second was a huge engine spitting flame behind the moon, and thousands of people were awaiting word that it had fired. "Please be informed that there is a Santa Claus" were the first words from Apollo 8 as it emerged from radio silence to inform an anxious world 15 minutes after the fact that the engine had performed its critical burn. "None of us ever expect to have a better Christmas present than this one," said Ken Mattingly of Mission Control. "Thank everyone on the ground for us. You know we couldn't have done it without you," came the reply from Col. Frank Borman, the spacecraft commander. At this point, a Christmas tree came aglow in front of the consoles in Mission Control, and Astronaut Harrison Schmidt read a space version of "A visit from Saint Nicholas" to the crew. "Twas the night before Christmas, and way out in space, the Apollo 8 crew had just won the moon race," it began. The Mission Control crew had delayed the celebration until Jeffrey's daddy, Navy Captain

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James Lovell, along with Air Force Major William A. Anders and Col. Borman were safely on their way home. Any other Christmas Eve, the families of the astronauts would have been in church for Christmas services, but this year they were all glued to their television sets. The homes all near the Manned Spacecraft Center were decorated. The lawns around the Lovell home and throughout his community of Timber Cove were lined with Mexican style luminarios, and the four Lovell children came out to light them about 7:30. They were just in time. At 8:00, a car drove up carrying a tall Santa Claus with a large sack on his back. He ho ho'd up to the door and knocked loudly. It opened, and there stood Jeffrey Lovell who will be 3 on January 14. Jeffrey recoiled at the sight. His mother held him up, and Jeffrey clung to her, still shying away. "Last year he ran away crying," saying his 15-year old sister Barbara. Earlier, she had to run after him to prevent his blowing out all the luminarios. The other Lovell children, 13-year-old James and 10-year-old Susan watched with great amusement. Finally, the Santa and the children disappeared inside; the presents

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were put under the tree; presents not to be opened until today. Mrs. Lovell prepared egg nog and cookies for the guests, and they watched a 25-minute televised tour of the moon conducted by the three astronauts. Later, friends took Mrs. Lovell, Barbara, and Jeffrey on a tour of the neighborhood brightly lighted for Christmas. Above them in a clear sky, the quarter moon shone brightly, and the three astronauts, who more than any other men have seen the fruits of creation, pause in their scientific exploration there to beam to the earth the majestic words from Genesis. "And God created the firmament heavens, and God called the dry land Earth, and God saw that it was good."

03 23 21 22	CDR	Thank you, Jerry. <i>can</i>
03 23 21 25	CC	Roger. We have a newspaper coming in after while; we will give you a little more news later.
03 23 21 33	CMP	Thank you, Jerry; that's nice.
03 23 22 02	CDR	Jerry, we have chlorinated the water, and we're changing the canister now.
03 23 22 06	CC	Roger, Frank. Copy.
03 23 23 13	CC	Apollo 8, Houston. Would you put the BIOMED switch to the left, and - -
02 23 23 21	CDR	Roger.
03 23 23 22	CC	We would like to get a crew status report on